



STIC Search Report

EIC 2100

STIC Database Tracking Number: 113525

TO: Todd Jack

Location:

Art Unit : 2133

Wednesday, February 04, 2004

Case Serial Number: 09/248992

From: David Holloway

Location: EIC 2100

PK2-4B30

Phone: 308-7794

david.holloway@uspto.gov

Search Notes

Dear Examiner Jack,

Attached please find your search results for above-referenced case.

Please contact me if you have any questions or would like a re-focused search.

David





STIC EIC 2100 113525 Search Request Form 11

Today's Date:

02/03/04

What date would you like to use to limit the search?

Priority Date: 12/27/2000 Other:

Name Todd Jack

AU 2133 Examiner # 76232

Room # 4 Phone 305-1027

Serial # 09/248,992

Format for Search Results (Circle One):

PAPER DISK EMAIL

Where have you searched so far?

USP DWPI EPO JPO ACM IBM TDB

IEEE INSPEC SPI Other PLUS

Is this a "Fast & Focused" Search Request? (Circle One) YES NO

A "Fast & Focused" Search is completed in 2-3 hours (maximum). The search must be on a very specific topic and meet certain criteria. The criteria are posted in EIC2100 and on the EIC2100 NPL Web Page at <http://ptoweb/patents/stic/stic-tc2100.htm>.

What is the topic, novelty, motivation, utility, or other specific details defining the desired focus of this search? Please include the concepts, synonyms, keywords, acronyms, definitions, strategies, and anything else that helps to describe the topic. Please attach a copy of the abstract, background, brief summary, pertinent claims and any citations of relevant art you have found.

Topic: Printer which authenticates an electronic document

Novelty: printer authenticates, not computer

Utilities: group printers, secure document transfer

Keywords: verify, authenticate, printer, electronic document

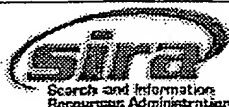
STIC Searcher

David Holloway

Phone 3087794

Date picked up 2-4-04

Date Completed 2-4-04



ITAL06-968³⁷
85 min
20 min

Set	Items	Description
S1	591	(ELECTRONIC? OR DIGITAL? OR COMPUTERI? OR VIRTUAL?) (N) (DOC- UMENT? OR TEXT? OR LETTER? OR PUBLICATION?) OR PRINT() (JOB OR JOBS) OR ETEXT?
S2	3599	PRINTER? OR GROUPPRINTER? OR PRINTING OR (REMOTE? OR OFFSI- TE? OR OFF()SITE OR GROUP OR NETWORK?) ()PRINT?
S3	3753	VERIF? OR AUTHENTICAT? OR AUTHENTICIT? OR UNCHANG? OR UNMO- DIF? OR CERTIFY?
S4	21891	SECUR? OR SAFE? OR PROTECT? OR ENCRYPT? OR ENCIPHER? OR CR- YPTOG? OR KEYPAIR? OR KEY OR KEYS OR CERTIFICAT? OR ENCYPER?
S5	7	S2 (3N) S3 (5N) (ELECTRONIC? OR DIGITAL? OR VIRTUAL) () (DOC- UMENT? OR TEXT? OR LETTER?) OR ETEXT? OR EDOCUMENT?
S6	23	(ABORT? OR STOP? OR PREVENT? OR HALT? OR INTERRUPT?) (2N) (P- RINT? OR OUTPUT?)
S7	2	S1(S)S2(S)S3(S)S4
S8	11	S6 AND (S3 OR S4)
S9	2	S1 AND S2 AND S3 AND S4
S10	13	S8 OR S9
S11	12	S10 NOT PY>2000
S12	12	S11 NOT PD>20001227

File 256:SoftBase:Reviews,Companies&Prods. 82-2004/Dec
(c)2004 Info.Sources Inc

12/3,K/10

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.
(c)2004 Info.Sources Inc. All rts. reserv.

00104185 DOCUMENT TYPE: Review

PRODUCT NAMES: IPP (838292)

TITLE: Standard sets stage for Internet printing

AUTHOR: Thomas, Susan L

SOURCE: LAN Times, v14 n24 p19(1) Nov 24, 1997

ISSN: 1040-5917

HOME PAGE: <http://www.lantimes.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

REVISION DATE: 20010330

...for printers, lie in the future. Users will also want to have ways for putting **security** in place to **prevent** 'junk **printing** ' or sabotage by long print jobs.

NO

TITLE: RPM Remote Print Manager
AUTHOR: Otey, Michael
SOURCE: News/400, v212 p155(3) Mar 1998
ISSN: 1040-6093
HOME PAGE: <http://www.news400.com>

RECORD TYPE: Review
REVIEW TYPE: Review
GRADE: B

REVISION DATE: 20000830

...Manager in less than five minutes. The Queue status window allows users to start and **stop** each **print** queue, delete print jobs, create and delete print queues, and configure Remote Print Manager's customization, host access, and **security** options. Remote Print Manager uses standard Windows printer drivers and supports customizing a print stream...

No access

12/3,K/9

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.
(c)2004 Info.Sources Inc. All rts. reserv.

00109048 DOCUMENT TYPE: Review

PRODUCT NAMES: RPM Remote Print Manager (RPM) (709298)

TITLE: RPM Remote Print Manager

AUTHOR: Otey, Michael

SOURCE: News/400, v212 p155(3) Mar 1998

ISSN: 1040-6093

HOME PAGE: <http://www.news400.com>

RECORD TYPE: Review

REVIEW TYPE: Review

GRADE: B

REVISION DATE: 20000830

...Manager in less than five minutes. The Queue status window allows users to start and **stop** each **print** queue, delete print jobs, create and delete print queues, and configure Remote Print Manager's customization, host access, and **security** options. Remote Print Manager uses standard Windows printer drivers and supports customizing a print stream...

No access

12/3,K/6

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.
(c)2004 Info.Sources Inc. All rts. reserv.

01050687 DOCUMENT TYPE: Product

PRODUCT NAME: LPT:One (050687)

Jamex Inc (703265)
84 Sperry Ln
Lansing, NY 14882 United States
TELEPHONE: (607) 533-8811

RECORD TYPE: Directory

CONTACT: Sales Department

REVISION DATE: 20010930

...98, NT4, and 2000. It includes a cash register that serves to manage revenue from **printing**, overdue fines, and any other cash transaction. LPT:One is available in a LPT:One...

...module or LPT:One release station module. The client module enables library patrons to approve **print jobs** after viewing the number of pages, cost, and **printer** location. After the patron approves the job, LPT:One transmits it to the **printer** and enables the patron to pick up and pay for the job at the circulation...

...cash device, serving to reduce the time spent handling cash transactions. Additionally, patrons can password- **protect print jobs** to ensure **security** and privacy. Additional modules include the vending interface module, multiple pricing module, reporting module, and **authentication** module.

NO

12/3,K/3

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
(c)2004 Info.Sources Inc. All rts. reserv.

01619671 DOCUMENT TYPE: Product

PRODUCT NAME: FlightCheck (619671)

Markzware Software Inc (588938)
1805 E Dyer Rd #101
Santa Ana, CA 92705 United States
TELEPHONE: (949) 756-5008

RECORD TYPE: Directory

CONTACT: Sales Department

REVISION DATE: 20020527

...the application that created them) to avoid using the eyeball method to check documents. FlightCheck **verifies** all elements, such as colors, fonts and images and assures they are valid. After **verification**, it reports any problems such as missing images or fonts, as well as fonts in...

...color of none, RGB/TIFF, and JPEG compressed images. These problems could result in poor **printing** or **stopping** the **print** job. When **verification** is complete, FlightCheck collects all related files into a single job including images and both...

NO

Set	Items	Description
S1	108096	(ELECTRONIC? OR DIGITAL? OR COMPUTERI? OR VIRTUAL?) (N) (DOCUMENT? OR TEXT? OR LETTER? OR PUBLICATION?) OR PRINT() (JOB OR JOBS) OR ETEXT?
S2	1251867	PRINTER? OR GROUPPRINTER? OR PRINTING OR (REMOTE? OR OFFSITE? OR OFF()SITE OR GROUP OR NETWORK?) () PRINT?
S3	1280409	VERIF? OR AUTHENTICAT? OR AUTHENTICIT? OR UNCHANG? OR UNMODIF? OR CERTIFY?
S4	16774692	SECUR? OR SAFE? OR PROTECT? OR ENCRYPT? OR ENCIPHER? OR CRYPTOG? OR KEYPAIR? OR KEY OR KEYS OR CERTIFICAT? OR ENCYIPHER?
S5	869	S2 (3N) S3 (5N) (ELECTRONIC? OR DIGITAL? OR VIRTUAL) () (DOCUMENT? OR TEXT? OR LETTER?) OR ETEXT? OR EDOCUMENT?
S6	12210	(ABORT? OR STOP? OR PREVENT? OR HALT? OR INTERRUPT?) (2N) (PRINT? OR OUTPUT?)
S7	70	S4(S)S5
S8	197	S2(3N)(EMBED? OR INTERNAL? OR WITHIN? OR INSIDE? OR INTEGRAT?) (3N)S3
S9	0	S8 AND S5
S10	111	S4(S)S8
S11	0	S1(S)S8
S12	95	S4(10N)S8
S13	165	S7 OR S12
S14	70	RD (unique items)
S15	48	S14 NOT PY>2000
S16	48	S15 NOT PD=20001207:20021207
S17	48	S16 NOT PD=20021207:20040208
S18	0	SECURE() DOCUMENT() TRANSFER? (5N) S2
S19	50	SECURE() DOCUMENT? ?() TRANSFER?
S20	0	S19(S)S2
S21	1	S19(S)PRINT?
S22	6011	(SMART? OR INTELLIGENT?) (3N) PRINTER?
S23	22	S8(S)S22
S24	10	RD (unique items)
S25	8	S24 NOT PY>2000
S26	8	S25 NOT PD=20001227:20021227
S27	8	S26 NOT PD=20021227:20040220
File	275:	Gale Group Computer DB(TM) 1983-2004/Feb 04 (c) 2004 The Gale Group
File	47:	Gale Group Magazine DB(TM) 1959-2004/Feb 03 (c) 2004 The Gale group
File	75:	TGG Management Contents(R) 86-2004/Jan W4 (c) 2004 The Gale Group
File	636:	Gale Group Newsletter DB(TM) 1987-2004/Feb 04 (c) 2004 The Gale Group
File	16:	Gale Group PROMT(R) 1990-2004/Feb 04 (c) 2004 The Gale Group
File	624:	McGraw-Hill Publications 1985-2004/Feb 03 (c) 2004 McGraw-Hill Co. Inc
File	484:	Periodical Abs Plustext 1986-2004/Feb W1 (c) 2004 ProQuest
File	613:	PR Newswire 1999-2004/Feb 04 (c) 2004 PR Newswire Association Inc
File	813:	PR Newswire 1987-1999/Apr 30 (c) 1999 PR Newswire Association Inc
File	141:	Readers Guide 1983-2004/Jan (c) 2004 The HW Wilson Co
File	553:	Wilson Bus. Abs. FullText 1982-2004/Jan (c) 2004 The HW Wilson Co
File	621:	Gale Group New Prod. Annou. (R) 1985-2004/Feb 04 (c) 2004 The Gale Group
File	674:	Computer News Fulltext 1989-2004/Jan W4 (c) 2004 IDG Communications
File	88:	Gale Group Business A.R.T.S. 1976-2004/Feb 04 (c) 2004 The Gale Group
File	160:	Gale Group PROMT(R) 1972-1989 (c) 1999 The Gale Group
File	635:	Business Dateline(R) 1985-2004/Feb 04 (c) 2004 ProQuest Info&Learning

File 15:ABI/Inform(R) 1971-2004/Feb 04
(c) 2004 ProQuest Info&Learning
File 9:Business & Industry(R) Jul/1994-2004/Feb 03
(c) 2004 Resp. DB Svcs.
File 13:BAMP 2004/Jan W3
(c) 2004 Resp. DB Svcs.
File 810:Business Wire 1986-1999/Feb 28
(c) 1999 Business Wire
File 610:Business Wire 1999-2004/Feb 04
(c) 2004 Business Wire.
File 647:CMP Computer Fulltext 1988-2004/Jan W4
(c) 2004 CMP Media, LLC
File 98:General Sci Abs/Full-Text 1984-2004/Jan
(c) 2004 The HW Wilson Co.
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(c)2004 The Gale Group

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S3	1280409	VERIF? OR AUTHENTICAT? OR AUTHENTICIT? OR UNCHANG? OR UNMODIF? OR CERTIFY?
S4	16774692	SECUR? OR SAFE? OR PROTECT? OR ENCRYPT? OR ENCIPHER? OR CRYPTOG? OR KEYPAIR? OR KEY OR KEYS OR CERTIFICAT? OR ENCPHER?
S5	869	S2 (3N) S3 (5N) (ELECTRONIC? OR DIGITAL? OR VIRTUAL) () (DOCUMENT? OR TEXT? OR LETTER?) OR ETEXT? OR EDOCUMENT?
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S7	70	S4(S)S5
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S9	0	S8 AND S5
S10	111	S4(S)S8
S11	0	S1(S)S8
S12	95	S4(10N)S8
S13	165	S7 OR S12
S14	70	RD (unique items)
S15	48	S14 NOT PY>2000
S16	48	S15 NOT PD=20001207:20021207
S17	48	S16 NOT PD=20021207:20040208
S18	0	SECURE() DOCUMENT() TRANSFER? (5N) S2
S19	50	SECURE() DOCUMENT? ?() TRANSFER?
S20	0	S19(S)S2
S21	1	S19(S) PRINT?
S22	6011	(SMART? OR INTELLIGENT?) (3N) PRINTER?
S23	22	S8(S)S22
S24	10	RD (unique items)
S25	8	S24 NOT PY>2000
S26	8	S25 NOT PD=20001227:20021227
S27	8	S26 NOT PD=20021227:20040220
S28	8	S27 NOT S17
S29	0	S28 NOT ELTRON?
File	275:	Gale Group Computer DB(TM) 1983-2004/Feb 04 (c) 2004 The Gale Group
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S3	1280409	VERIF? OR AUTHENTICAT? OR AUTHENTICIT? OR UNCHANG? OR UNMODIF? OR CERTIFY?
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File 13:BAMP 2004/Jan W3 (c) 2004 Resp. DB Svcs.		
File 810:Business Wire 1986-1999/Feb 28 (c) 1999 Business Wire		
File 610:Business Wire 1999-2004/Feb 04 (c) 2004 Business Wire.		

File 647: CMP Computer Fulltext 1988-2004/Jan W4
(c) 2004 CMP Media, LLC

File 98: General Sci Abs/Full-Text 1984-2004/Jan
(c) 2004 The HW Wilson Co.

File 148: Gale Group Trade & Industry DB 1976-2004/Feb 04
(c) 2004 The Gale Group

17/3,K/3 (Item 1 from file: 636)

DIALOG(R) File 636:Gale Group Newsletter DB(TM)

(c) 2004 The Gale Group. All rts. reserv.

04008676 Supplier Number: 53180618 (USE FORMAT 7 FOR FULLTEXT)

ELTRON'S STRATA WIDE WEB LABEL PRINTER DEBUTS VIA RESELLERS.

PC Business Products, v10, n11, pNA

Nov 1, 1998

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 270

ISO 9002 certified, Eltron International offers direct and thermal transfer bar code label and receipt **printers** , **secure ID printing** systems, **integrated** bar code **verified printing** systems, plastic card **printers** , pressure-sensitive labels and tags, thermal ribbons, label media and related accessories. Eltron has corporate...

No

17/3,K/4 (Item 2 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2004 The Gale Group. All rts. reserv.

04004840 Supplier Number: 53161316 (USE FORMAT 7 FOR FULLTEXT)
-ZEBRA TECHNOLOGIES: Zebra Technologies completes merger with Eltron
International.
M2 Presswire, pNA
Oct 30, 1998
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 677

... Eltron International (Nasdaq NM: ELTN) offers direct and thermal
transfer bar code label and receipt **printers** , **secure** ID **printing**
systems, **integrated** bar code **verified** **printing** systems, plastic card
printers , pressure sensitive labels and tags, thermal ribbons, label
media, and related accessories. Eltron has corporate...

NO

17/3,K/11 (Item 6 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2004 The Gale Group. All rts. reserv.

05868031 Supplier Number: 53022971 (USE FORMAT 7 FOR FULLTEXT)
**Eltron International Registration Statement Declared Effective by SEC and
Special Shareholder Meeting Set for Vote On Merger With Zebra
Technologies.**

Business Wire, pl009
Sept 24, 1998
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 434

... printers in the industry. Printers include direct and thermal
transfer bar code label and receipt **printers** , **integrated verified
printing** systems, plastic card **printers** , and **secure** ID printing
systems.

Major users are in the package delivery, health care, retail,
industrial, manufacturing...

No

17/3,K/25 (Item 20 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2004 The Gale Group. All rts. reserv.

05502126 Supplier Number: 48337101 (USE FORMAT 7 FOR FULLTEXT)
**Eltron Announces Technology Collaboration With 3M for Secure
Identification-Printing Systems; Alliance Between 3M and Eltron Results
in Maximum ID Card Security and Durability.**
Business Wire, p3051033
March 5, 1998
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 470

... printers in the industry.
Printers include direct- and thermal-transfer bar-code-label and
receipt **printers** , **integrated verified printing** systems,
plastic-card **printers** , and **secure** ID printing systems.
Major users are in the health-care, retail, manufacturing, automotive,
package-delivery...

N 1

21/5/1 (Item 1 from file: 813)
DIALOG(R) File 813:PR Newswire
(c) 1999 PR Newswire Association Inc. All rts. reserv.

1140524 SFMF001
InfoImaging Offers Alternative to UPS Overnight Document Service Free for 30 Days

DATE: August 15, 1997 08:00 EDT WORD COUNT: 497

PLEASANTON, Calif. Aug. 15 /PRNewswire/ -- InfoImaging Technologies, Inc. (ITI) today announced a new version of their 3D FaxFile software to help alleviate current overnight document shipping problems created by the ongoing UPS strike. 3D FaxFile, is a software package that allows users to send and receive original documents, up to 200 pages. Now InfoImaging is offering a 30 day FaxFile copy at no cost or obligation to the user.

"With the advent of the UPS strike, many customers have been left stranded with no way to get sensitive documents to their destinations in a timely manner. With 3D FaxFile, original documents can be sent instantly giving the receiver the original document in a secure manner" says Chuck Lejsek, president of InfoImaging. "3D FaxFile compresses and encodes documents (including color graphics, sound and video) into special coded blocks referred to as "infoimages." The data in the "infoimage" format is then faxed over standard telephone lines. Because the "infoimage" appears as black & white dots or blocks, the document is inherently secure. Additional security is also provided with password protection. On the receiving end, 3D FaxFile software restores the document contained in the "infoimage" to its original format. As an example, a legal document needing a signature can now be securely sent out without the frustration and worry about security or time constraints. Using 3D FaxFile to deliver the original document is superior to standard faxing which results in unacceptable **print** on fax paper, and is more cost effective than overnight shipping. We feel that this solution will benefit UPS customers now and that the 30 day trial offer will introduce them to a whole new form of **secure document transfer**."

System Requirements

A 386 or higher capability PC with Windows(R) 3.1 or Windows 95, a minimum of 1.5 Mbytes of available hard disk space (10 Mbytes recommended), and a minimum of 4 Mbytes of memory (8Mbyte recommended). The InfoImaging Software family is compatible with all widely-used fax communication software packages.

Pricing and Availability

The 30 day free version of 3D FaxFile software is available directly from InfoImaging. After 30 days, users can purchase the Professional version, priced at \$199, from InfoImaging or through its worldwide distribution channels. FaxSpeed, a light version without password protection is also available at \$49.00. For sales information, contact InfoImaging Technologies, Inc. at 800-966-1140, 510-485-4000, Fax 510-485-4100, or send e-mail to info@infoimaging.com. InfoImaging Technologies' home page: <http://www.infoimaging.com>.

About InfoImaging, Technologies, Inc.

InfoImaging Technologies, Inc. (ITI) with offices in Pleasanton, Calif., is the worldwide marketing, sales and support headquarters for 3D FaxFile Software and its associated products. Its products are developed and maintained by Israeli-based Fontech, Ltd., ITI's sister division.

NOTE: Windows is a registered trademark and Word for Windows is a trademark of Microsoft Corporation. 3D FaxFile is a trademark of InfoImaging Technologies

SOURCE InfoImaging Technologies Inc.

CONTACT: Val Cureton of InfoImaging Technologies, Inc.,

510-485-4000, or val infoimaging.com, or <http://www.infoimaging.com>

COMPANY NAME: INFOIMAGING TECHNOLOGIES INC.
PRODUCT: COMPUTER, ELECTRONICS (CPR)
DESCRIPTORS: NEW PRODUCTS & SERVICES (PDT)
STATE: CALIFORNIA (CA)
SECTION HEADING: BUSINESS; TECHNOLOGY

Set	Items	Description
S1	14909	(ELECTRONIC? OR DIGITAL? OR COMPUTERI? OR VIRTUAL?) (N) (DOCUMENT? OR TEXT? OR LETTER? OR PUBLICATION?) OR PRINT() (JOB OR JOBS) OR ETEXT?
S2	149555	PRINTER? OR GROUPPRINTER? OR PRINTING OR (REMOTE? OR OFFSITE? OR OFF()SITE OR GROUP OR NETWORK?) () PRINT?
S3	738852	VERIF? OR AUTHENTICAT? OR AUTHENTICIT? OR UNCHANG? OR UNMODIF? OR CERTIFY?
S4	3612025	SECUR? OR SAFE? OR PROTECT? OR ENCRYPT? OR ENCIPHER? OR CRYPTOG? OR KEYPAIR? OR KEY OR KEYS OR CERTIFICAT? OR ENCPHER?
S5	18	S1 AND S2 AND S3
S6	40	S2 AND S3 AND (ELECTRONIC? OR DIGITAL? OR VIRTUAL) () (DOCUMENT? OR TEXT? OR LETTER?) OR ETEXT? OR EDOCUMENT?
S7	1412	(ABORT? OR STOP? OR PREVENT? OR HALT? OR INTERRUPT?) (2N) (PRINT? OR OUTPUT?)
S8	12	S1 AND S7
S9	27	S3 AND S7
S10	83	S5 OR S6 OR S8 OR S9
S11	72	RD (unique items)
S12	46	S11 NOT PY>2000
S13	45	S12 NOT PD>20001207
File	2:INSPEC 1969-2004/Jan W4	(c) 2004 Institution of Electrical Engineers
File	8: Ei Compendex(R) 1970-2004/Jan W4	(c) 2004 Elsevier Eng. Info. Inc.
File	35: Dissertation Abs Online 1861-2004/Jan	(c) 2004 ProQuest Info&Learning
File	65: Inside Conferences 1993-2004/Feb W1	(c) 2004 BLDSC all rts. reserv.
File	94: JICST-EPlus 1985-2004/Jan W4	(c) 2004 Japan Science and Tech Corp(JST)
File	111: TGG Natl. Newspaper Index(SM) 1979-2004/Jan 29	(c) 2004 The Gale Group
File	233: Internet & Personal Comp. Abs. 1981-2003/Sep	(c) 2003 EBSCO Pub.
File	144: Pascal 1973-2004/Jan W4	(c) 2004 INIST/CNRS
File	34: SciSearch(R) Cited Ref Sci 1990-2004/Jan W4	(c) 2004 Inst for Sci Info
File	99: Wilson Appl. Sci & Tech Abs 1983-2004/Dec	(c) 2004 The HW Wilson Co.
File	6: NTIS 1964-2004/Feb W1	(c) 2004 NTIS, Intl Cpyrght All Rights Res

. 13/5/26 (Item 1 from file: 233)
DIALOG(R) File 233:Internet & Personal Comp. Abs.
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00614276 00EP11-002

Proof positive: PDF for variable data, on-demand printing -- PDF technology proves a valuable tool in taking variable and short-run print jobs direct to press

Silverman, Mike; Marchiony, Bill

Electronic Publishing , November 1, 2000 , v24 n11 p48-50, 2 Page(s)

ISSN: 0194-4851

Company Name: Canopy

Product Name: PDF ProofStreamer

Languages: English

Document Type: Articles, News & Columns

Geographic Location: United States

Focuses on Portable Document Format (PDF) technology in electronic publishing. Says that a sophisticated variable data workflow uses multiple imaging layers. Mentions that although users have been able to merge multiple pages and layers onto the press, only recently has there been a way to preview the merge ahead of time. Cites Canopy's creation of PDF ProofStreamer, which builds PDF files showing every merged page. Talks about how the PDF ProofStreamer works. Describes nine compelling reasons for PDF proofing: soft proofing; remote proofing; preflighting; prepress layer **verification** ; imposition **verification** ; RIP orientation **verification** ; version proofing; data security and file integrity; operator training. Includes a map, two sidebars, and 12 photos. (MEM)

Descriptors: Electronic Publishing; Portable Documents; Remote Proofing; Softproofing; Workflow; Prepress

Identifiers: PDF ProofStreamer; Canopy

, 13/5/34 (Item 9 from file: 233)
DIALOG(R) File 233:Internet & Personal Comp. Abs.
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00226186 90PW10-042

PS-Print 2.3

Syme, David M

PC World , October 1, 1990 , v8 n10 p175-176, 2 Pages

ISSN: 0737-8939

Languages: English

Document Type: Software Review

Grade (of Product Reviewed): b

Geographic Location: United States

Presents a favorable review of PS-Print 2.3 (\$395), a **printer** sharing utility for NetWare LANs from Brightwork Development, Tinton Falls, NJ (800, 201). The program requires 384K RAM, one floppy drive, DOS 3.1 or later, and NetWare 2.1x or ELS II 2.1x. The program provides an excellent set of **printer** controls, including **verification** of completed jobs, and notification to the user at the print station to change settings (with an advisory if not completed within 10 seconds which allows holding the **print job**). It offers good queue management, although the workstation must be set up as a **printer** station before queue management controls can be accessed. With a full feature set installed, the program requires 57.5K RAM at the **printer** station and 25K at the workstation. Its performance is 'adequate' and PCs configured as print stations will exhibit degraded performance when graphics are being printed. Includes one screen display (p174). (djd)

Descriptors: **Printer** Controller; Utility Program; Network Server;
Printer ; Local Area Networks; Software Review

Identifiers: PS-Print; Brightwork Development

Set	Items	Description
S1	109495	DOCUMENT? OR EDOCUMENT? OR ETEXT? OR PRINTJOB?
S2	584408	PRINTER? OR GROUPPRINTER? OR PRINTING OR (REMOTE? OR OFFSITE? OR OFF()SITE OR GROUP)()PRINT?
S3	79092	VERIF? OR AUTHENTICAT? OR AUTHENTICIT? OR UNCHANG? OR UNMODIF? OR CERTIFY?
S4	1915920	SECUR? OR SAFE? OR PROTECT? OR ENCRYPT? OR ENCIPHER? OR CRYP- YPTOG? OR KEYPAIR? OR KEY OR KEYS OR CERTIFICAT? OR ENCY- PHER?
S5	476	S1 AND S2 AND S3
S6	262	S4 AND S5
S7	16	S6 AND IC=G09C?
S8	26	S5 AND IC=G09C?
S9	10	S8 NOT S7
S10	2	S9 NOT AD>20001227
S11	23	S2 AND S3 AND (ELECTRONIC? OR DIGITAL? OR VIRTUAL)() (DOC- UMENT? OR TEXT? OR LETTER?) OR ETEXT? OR EDOCUMENT?
S12	15	S11 NOT S8
S13	15	S12 NOT S7
S14	45700	(ABORT? OR STOP? OR PREVENT? OR HALT? OR INTERRUPT?) (2N) (P- RINT? OR OUTPUT?)
S15	3604	(ELECTRONIC? OR DIGITAL? OR COMPUTERI? OR VIRTUAL?) (N) (DOC- UMENT? OR TEXT? OR LETTER?)
S16	0	S14 AND S15 AND (S3 OR S4)
S17	3	S14 AND S15
S18	275	S14 AND S3
S19	112	S18 AND S4
S20	26	S19 AND IC=(G06F? OR G09C?)
S21	26	S20 NOT (S8 OR S7 OR S13)

File 347:JAPIO Oct 1976-2003/Sep(Updated 040105)
(c) 2004 JPO & JAPIO

File 350:Derwent WPIX 1963-2004/UD,UM &UP=200408
(c) 2004 Thomson Derwent

7/5/1 (Item 1 from file: 347)
DIALOG(R) File 347:JAPIO
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*Get for
priority check*

07729533 **Image available**
DOCUMENT PRINTING DEVICE, DOCUMENT AUTHENTICATION DEVICE, DOCUMENT
PRINTING METHOD, DOCUMENT AUTHENTICATION METHOD, DOCUMENT
AUTHENTICATION SYSTEM, PROGRAM, AND STORAGE MEDIA

PUB. NO.: 2003-223435 [JP 2003223435 A]
PUBLISHED: August 08, 2003 (20030808)
INVENTOR(s): HISAGAI MASAMI
APPLICANT(s): CANON INC
APPL. NO.: 2002-024611 [JP 200224611]
FILED: January 31, 2002 (20020131)
INTL CLASS: G06F-017/21; B41J-005/30; B41J-029/00; B41J-029/38;
B41J-029/40; G06F-003/12; G06K-009/00; G09C-001/00

ABSTRACT

PROBLEM TO BE SOLVED: To establish techniques for using **certificates** or the like utilizing the characteristics of printed **documents** (paper **documents**) by correctly **verifying** signatures from signature information recorded on printed **documents** and from the printed **documents** .

SOLUTION: A **document printing** device for **printing documents** prints **document** designating information for designating electronic **documents** and signature information for the **document** designating information, along with the electronic **documents** . The signature information comprises a digital signature created by use of an **encryption key** . A **document authentication** device reads the **document** including the **document** designating information and the signature information of the **document** designating information, and **document verification** information is output by a retrieval means and an **authentication** means.

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NO

7/5/2 (Item 2 from file: 347)
DIALOG(R) File 347:JAPIO
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07591118 **Image available**
ORIGINALITY ASSURING **PRINTING** SYSTEM, SYSTEM FOR FORMING ORIGINAL DATA
FOR **PRINTING** , ORIGINALITY ASSURING SYSTEM, PROGRAM, AND RECORDING MEDIUM

PUB. NO.: 2003-084962 [JP 2003084962 A]
PUBLISHED: March 20, 2003 (20030320)
INVENTOR(s): KANAI YOICHI
APPLICANT(s): RICOH CO LTD
APPL. NO.: 2001-275249 [JP 20011275249]
FILED: September 11, 2001 (20010911)
INTL CLASS: G06F-003/12; G06F-017/21; G06F-017/60; G06T-001/00;
H04N-001/387; H04N-001/40; B41J-021/00; B41J-029/00;
B41J-029/38; **G09C-001/00**

ABSTRACT

PROBLEM TO BE SOLVED: To provide a system to assure that an electronic
document printed is genuine.

SOLUTION: The electronic **document** (original) is converted into **printing**
data, which is further converted into display data with signature. The
display data is **protected** to be manipulation-detectable, and original
data for **printing** is formed. In a system on the **printing** side,
genuineness of electronic data to be printed is examined by a genuineness
examining means 21, and only the electronic data to which genuineness has
been **verified** are printed as a genuine **document** 24 by a genuine
document printing means 22 (special **printing** means for **printing** the
electronic data as the genuine **document**). The **printing** data to which
genuineness has not been **verified** are printed in a normal way as a
general **document** 25 by a general **document printing** means 23.

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13/5/8 (Item 6 from file: 350)
DIALOG(R) File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

014617216 **Image available**
WPI Acc No: 2002-437920/200247
XRPX Acc No: N02-344807

Document printout device for facsimile, has audit log which contains list of received document entries containing reference to stored digital certificates and unique document identifier

Patent Assignee: HEWLETT-PACKARD CO (HEWP); BROWN R (BROW-I); HARRISON K A (HARR-I)

Inventor: BROWN R; HARRISON K A

Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
GB 2366469	A	20020306	GB 200020876	A	20000825	200247 B
US 20020032862	A1	20020314	US 2001918326	A	20010730	200247

Priority Applications (No Type Date): GB 200020876 A 20000825

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
GB 2366469	A	42	H04N-001/44	
US 20020032862	A1		H04L-009/32	

Abstract (Basic): GB 2366469 A

NOVELTY - The document printout device (74) has a store (90) with digital certificates and an audit log (94) containing a list of received document entries. Each document entry contains a reference to a digital certificate (18) associated with a received **digital document** (12), and a unique identifier associated with the received document.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(a) Facsimile;

(b) Sender identity **authentication** method

USE - For facsimile (claimed) for secure reception of **digital documents** e.g. share certificates. Also, for printout of documents from computer, using shared **printers** in network or at hotel lobby.

ADVANTAGE - The audit log enables to perform faster validity check of digital certificate either in real-time or at a later date or time. Reduces fraudulent copy of documents.

DESCRIPTION OF DRAWING(S) - The figure shows a block diagram of facsimile.

Digital document (12)

Digital certificate (18)

Document printout device (74)

Store (90)

Audit log (94)

pp; 42 DwgNo 4/8

Title Terms: DOCUMENT; DEVICE; FACSIMILE; AUDIT; LOG; CONTAIN; LIST;

RECEIVE; DOCUMENT; ENTER; CONTAIN; REFERENCE; STORAGE; DIGITAL; **CERTIFY**
; UNIQUE; DOCUMENT; IDENTIFY

Derwent Class: T01; T04; W02

International Patent Class (Main): H04L-009/32; H04N-001/44

File Segment: EPI

No

13/5/11 (Item 9 from file: 350)
DIALOG(R) File 350: Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

014037328 **Image available**
WPI Acc No: 2001-521541/200157
XRPX Acc No: N01-386460

Electronic document for business or personal use, has optically sensitive component which added to authenticated document to be printed by using trusted printing process

Patent Assignee: KENT RIDGE DIGITAL LABS (KENT-N)

Inventor: DENG H R; SUN Q; WU J; DENG H

Number of Countries: 007 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO-200115382	A1	20010301	WO-99SG86	A	19990821	200157 B
GB 2365184	A	20020213	WO 99SG86	A	19990821	200214
			GB 200127490	A	20011116	
CN 1361960	A	20020731	CN 99816827	A	19990821	200279
			WO 99SG86	A	19990821	
JP 2003527778	W	20030916	WO 99SG86	A	19990821	200362
			JP 2001518984	A	19990821	

Priority Applications (No Type Date): WO 99SG86 A 19990821

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 200115382	A1	E	70	H04L-009/32	
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Designated States (National): CA CN GB IN JP SG US

GB 2365184	A		G06F-001/00	Based on patent WO 200115382
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CN 1361960	A		H04L-009/32	
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JP 2003527778	W		77 H04N-001/387	Based on patent WO 200115382
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Abstract (Basic): WO 200115382 A1

NOVELTY - An optically sensitive code, added to an **authenticated** document to be printed by using a trusted **printing** process, contains information that indicates the modification or copying a printed document in a copy or modified version. An **authenticating** electronic seal (224) determines an original document in electronic form and has authorizing visible seal in which content digest is embedded.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(a) a printed document reproduced from an **electronic document** ; an electronic and printed document legitimacy protection;

(b) an electronic and printed document legitimacy protection apparatus;

(c) a computer program;

(d) an electronic and printed document legitimacy protection system;

(e) and a trusted document delivery method.

USE - For business or personal use.

ADVANTAGE - Protects legitimacy of electronic and printed versions of document. Uses user-friendly electronic seals. Ensures efficient and effective **verification** of documents with multiple signatures.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of an **electronic document** .

Authenticating electronic seal (224)

pp; 70 DwgNo 2/9

Title Terms: ELECTRONIC; DOCUMENT; BUSINESS; PERSON; OPTICAL; SENSITIVE; COMPONENT; ADD; **AUTHENTICITY** ; DOCUMENT; PRINT; PRINT; PROCESS

Derwent Class: T01; W01

International Patent Class (Main): G06F-001/00; H04L-009/32; H04N-001/387

International Patent Class (Additional): G06F-017/21; G06T-001/00

File Segment: EPI

NO

21/5/22 (Item 20 from file: 350)
DIALOG(R) File 350:Derwent WPIX
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011319713 **Image available**
WPI Acc No: 1997-297617/199727
XRPX Acc No: N97-245971

Preventing printer from printing document until authorisation has
been received - encrypting header and document before transmission to
printer using printer public key and priority node using private key
to enable decryption at printer

Patent Assignee: INTEL CORP (ITLC)

Inventor: DAVIS D L; SMITH L

Number of Countries: 075 Number of Patents: 010

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5633932	A	19970527	US 95574843	A	19951219	199727 B
TW 316963	A	19971001	TW 97100985	A	19970129	199806
WO 9833293	A1	19980730	WO 97US1190	A	19970124	199836 N
AU 9721124	A	19980818	AU 9721124	A	19970124	199851 N
			WO 97US1190	A	19970124	
GB 2336512	A	19991020	WO 97US1190	A	19970124	199945 N
			GB 9917003	A	19990720	
DE 19782258	T	20000224	DE 1082258	A	19970124	200017 N
			WO 97US1190	A	19970124	
CN 1249095	A	20000329	CN 97182070	A	19970124	200033 N
			WO 97US1190	A	19970124	
KR 2000070438	A	20001125	WO 97US1190	A	19970124	200131 N
			KR 99706673	A	19990723	
GB 2336512	B	20010801	WO 97US1190	A	19970124	200144 N
			GB 9917003	A	19990720	
KR 352344	B	20020911	WO 97US1190	A	19970124	200317 N
			KR 99706673	A	19990723	

Priority Applications (No Type Date): US 95574843 A 19951219; WO 97US1190 A
19970124; AU 9721124 A 19970124; GB 9917003 A 19990720; DE 1082258 A
19970124; CN 97182070 A 19970124; KR 99706673 A 19990723; GB 9917003 A
19990720

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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US 5633932	A		10	H04L-009/32	
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TW 316963	A			G06F-003/00	
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WO 9833293	A1	E		H04L-009/00	
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Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU
CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV
MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US
UZ VN

Designated States (Regional): AT BE CH DE DK EA ES FI FR GB GR IE IT KE
LS LU MC MW NL OA PT SD SE SZ UG

AU 9721124	A		H04L-009/00	Based on patent WO 9833293
GB 2336512	A		H04L-009/32	Based on patent WO 9833293
DE 19782258	T		H04L-009/00	Based on patent WO 9833293
CN 1249095	A		H04L-009/00	
KR 2000070438	A		H04L-009/00	Based on patent WO 9833293
GB 2336512	B		H04L-009/32	Based on patent WO 9833293
KR 352344	B		H04L-009/00	Previous Publ. patent KR 2000070438 Based on patent WO 9833293

Abstract (Basic): US 5633932 A

The method for **preventing** a **printing** node from outputting a
copy of a document until an intended recipient of the document is
authenticated involves selecting a confidentiality level for a print
job including the document. The confidentiality level is selected to be
equal to at least a predetermined level when the document contains
sensitive information. A header which reflects the confidentiality
level of the message. The header includes at least information used to
authenticate the intended recipient, and control information including
at least the confidentiality level.

The print job is transmitted to the printing node which analyses the header. The document is output, once the intended recipient is **authenticated**, and thus, is physically proximate to the printing node.

USE/ADVANTAGE - Networked printer, facsimile, remote monitor **security**. Ensures that person receiving print out is standing near to machine before message is printed.

Dwg.2A/3

Title Terms: PREVENT; PRINT; PRINT; DOCUMENT; AUTHORISE; RECEIVE; HEADER; DOCUMENT; TRANSMISSION; PRINT; PRINT; PUBLIC; **KEY**; PRIORITY; NODE; PRIVATE; **KEY**; ENABLE; DECRYPTER; PRINT

Derwent Class: P75; T01; T04; W01; W02

International Patent Class (Main): **G06F-003/00**; H04L-009/00; H04L-009/32

International Patent Class (Additional): B41J-029/54; **G06F-013/00**; H04L-009/30; H04N-001/44

File Segment: EPI; EngPI

NO